

# Munaimah Khan

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[GitHub](#) | [LinkedIn](#)

*Computer science senior with progressive experience writing front-end and back-end code and developing and solutions. Seeking a challenging Software Engineer internship. Adept at working effectively in fast-paced, deadline-driven, team-heavy, and standalone professional settings demanding strong communication, collaboration, and documentation skills.*

## EDUCATION

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### UNIVERSITY OF CENTRAL FLORIDA

Orlando, FL

Bachelor of Science in Computer Science

May 2024

- **Honors:** GPA: 3.8/4.0 - President's List - UCF Top 10 Knights
- **Relevant Coursework:** Object-Oriented Programming (Java), C Programming, Computer Architecture Artificial Intelligence, Computer Science I & II, Cybersecurity, Encryption, Discrete Math, Calculus (I-IV)

## SKILLS

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- Technical skills: Java, JavaScript, C, Python, Groovy, Linux, HTML/CSS, AWS, Azure Cloud, MongoDB
- Familiar IDEs/Platforms: IntelliJ, GitHub, VS Code, Jira, Atom, Postman, Cameo, Confluence, Trello, Scrum

## ACADEMIC PROJECTS

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### Contact Manager LAMP App | [LINK](#)

- Held Project Manager role utilizing Scrum Meetings, Jira, Discord, and Gantt Chart to manage deadlines.
- LAMP stack App hosted on DigitalOcean Droplet

### Sorting Algorithms Lesson MERN App | [LINK](#)

- Developed backend REST APIs with JavaScript, React, and MongoDB, hosted on Heroku, tested with Postman
- MERN Stack App developed with React, JS, CSS, HTML5, NodeJS, MongoDB, ExpressJS

### Static Portfolio | [LINK](#)

- Designed portfolio using HTML/CSS/SCSS and JS with custom animations and hosted on AWS S3 bucket

### Physics Text Convertor | [LINK](#)

- Python script converts text to and from Obojobo and Canvas accepted formats to maximize efficiency by 80%

### Numeronym | [LINK](#)

- Upgraded a C coursework to Java web GUI allowing users to transform a word into an alpha-numeric acronym

### Scientific Calculator | [LINK](#)

- 5 function scientific calculator developed as a Python GUI using Kivy game development framework.

## WORK EXPERIENCE SKILLS

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### Systems Engineer Intern - Lockheed Martin

May 2023 - current (expected Aug 2023)

- Develop Validation Software on Cameo Systems Modeler to maximize efficiency in system engineering models
- Groovy language scripting and Structured Language queries maximize time by reducing diagram errors
- Reporting to senior management and collaboration with multiple departments to develop validation project.

### OPS - Physics Department - University of Central Florida

January 2022 - current

- Utilize Open AI Python API GPT-3 for 88% word count reduction and increase output rate to 86%
- Maximized time optimization by 80% using Python script to convert problem text cross-platform

### Supplemental Instruction Mentor (SIL) - SARC - University of Central Florida

January 2023 - current

- Leadership role mentoring new Supplemental Instruction leaders for compliance with SI Model

## CERTIFICATIONS

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- AWS Certified Cloud Practitioner (December 2022)
- AWS Solutions Architect Associate (May 2023)